SONY

VAIO® Computer Specifications

PCG-GRT200 Series

The following table details the range of hardware specifications available for your computer. The actual specifications for your computer will differ depending on the configuration options you purchased. Restrictions apply to certain combinations of available options. Specifications are subject to change without notice.

Model	***PCG-GRT200 Series***
Processor options*	**Available**: Intel® Pentium® 4 processor 2.40B, 2.66, 2.80 GHz†, Mobile Intel Pentium 4 processor‡ 2.20, 2.40, 2.60 GHz-M**, or Mobile Intel Celeron® processor 2 GHz
L2 Cache Memory	512 KB (CPU Integrated)
Hard Disk Drive options*	**Available**: 30, 40, 60 or 80 GB††
C/D Partition	C= 15 GB (NTFS), D= remainder (NTFS) (approximation)
Standard RAM options*	**Available**: 256 MB, 512 MB, 1 GB DDR SDRAM‡‡ (Max. 1 GB) (Unbuffered DDR266 SO-DIMM gold lead contacts)
LCD Screen options*	**Available**: 14.1" XGA, 15" XGA, and 16.1" UXGA
Graphics options*	**Available**: NVIDIA® GeForce™ FX Go5600 or NVIDIA® GeForce4™ 420 Go
Video RAM options*	**Available**: 32 or 64 MB DDR SDRAM, depending on graphics option
Sound Capabilities	Windows® sound system compatible AC97
Optical Drive options*	**Available**: CD-RW/DVD-ROM drive or DVD±RW drive
Wireless LAN Communication options*	**Available**: Internal PCI card, with the following characteristics: IEEE 802.11b and IEEE 802.11g*** Max. 11 Mbps data transfer speed (802.11b) (approximation) Max. 54 Mbps data transfer speed (802.11g) (approximation) Max. 100 meter communication distance (approximation) 2.4 GHz band frequency
Modem	V.92/V.90 compatible modem†††
Connection Capabilities	1 Modem (RJ-11) jack 1 Memory Stick® slot 1 i.LINK® (IEEE 1394) port‡‡‡ 1 Monitor (VGA) port 1 Printer (parallel) port 1 Microphone jack 1 Headphone jack 1 A/V Out jack 1 Port replicator connector 2 Type I or II PC Cards, or one Type III PC Card, with CardBus support 3 USB 2.0 ports (high-/full-/low-speed supported) 1 Ethernet port (RJ-45, 10BASE-T/100BASE-TX)
Supplied Accessories	AC adapter and power cord Rechargeable battery Weight saver
Power Source	19.5V DC/AC 100-240V

Model	***PCG-GRT200 Series***
Power Management	Energy Star® Compliant Advanced Configuration and Power Interface (ACPI)
Battery	Lithium-ion
Dimensions	Unit dimensions will vary depending on the options selected.
Weight	Unit weight will vary depending on the options selected.
Operating Temperature	40° F to 95° F (5° C to 35° C)
Operating Humidity	20% to 80% (not condensed), provided that humidity is less than 65% at 95° F (35° C), hygrometer reading of less than 84° F (29° C)
Storage Temperature	-4° F to 140° F (-20° C to 60° C) (temperature gradient less than 18° F (10° C/hour)
Storage Humidity	10% to 90% (not condensed) provided that humidity is less than 20% at 140° F (60° C), hygrometer reading of less than 95° F (35° C)

* Certain specifications differ depending on the specific configuration you purchased.

† GHz denotes maximum microprocessor internal clock speed; other factors may affect application performance.

‡ The processor speed will be reduced under certain operating conditions.

** Mobile Intel® Pentium® 4 processors support Enhanced Intel SpeedStep® Technology.

†† GB means one billion bytes when referring to hard drive capacity. Five GB is reserved as a recovery partition. Accessible capacity may vary.

‡‡ Your system may contain additional memory installed at the time of purchase.

***IEEE 802.11b and IEEE 802.11g comply with WPA (Wi-Fi Protected Access). Max. data communication/transfer speed per IEEE 802.11b/g standard. Speed will be reduced under certain operating and environmental conditions. Communication distance will be reduced under certain operating and environmental conditions.

†††Maximum speed for faxing is 14.4 Kbps. Your modem is capable of downloading at 56 Kbps using V.92/V.90. Your online service or Internet Service Provider may not support this technology or operate at this speed.

‡‡‡i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other. Refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK PC peripherals to your system, such as CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions.

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